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**Abstract**

A flow meter is disclosed that is comprised of a base, a driver, pick-offs, and a flow tube made from a fluoropolymer substance. The base of the flow meter is comprised of a first leg and a second leg. The first leg includes a tube opening and an adhesive opening and the second leg includes a tube opening and an adhesive opening. The flow tube passes through the tube openings of the first leg and the second leg. The tube opening of the first leg has a diameter slightly larger than the flow tube to create a gap between the tube opening and the flow tube. The adhesive opening of the first leg provides access to the gap so that adhesive may be applied to the flow tube and an inner surface of the tube opening to affix the flow tube to the base. The adhesive opening in the second leg performs the same function.

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